PATENT COOPERATION TREATY

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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	FOR FURTHER ACTI	ON S	See Form PCT/IPEA/416				
NCI 8175WO			Di in landamin meditanan				
International application No.	International filing date (day/month/year)		Priority date (day/month/year)				
PCT/(JS04/24355 29 July 2004 (29.07.2004			29 July 2003 (29.07.2003)				
International Patent Classification (IPC)	or national classification and l	PC					
IPC: C08J 9/00, 9/06, 9/14							
USPC: 521/54, 89, 94, 135, 178							
Applicant							
NU-CHEM, INC.							
1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.							
This REPORT consists of	a total ofsheets, include	ding this cover sheet.	•				
 This report is also accomp 	panied by ANNEXES, com	prising:					
	ant and to the Internationa						
sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).							
sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.							
h Comt to the Inter	mational Rureau only) a to	tal of (indicate type a	and number of electronic carrier(s))				
containi	ing a sequence listing an	d/or tables related t	nereto, in electronic form only, as				
indicated in th	e Supplemental Box Re	lating to Sequence	Listing (see Section 802 of the				
Administrative I	nstructions).						
4. This report contains indic	ations relating to the follow	ving items:					
Box No. I	Basis of the report						
Box No. II F	Priority						
	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability						
1	ack of unity of invention						
Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability, citations and explanations supporting such statement						
·	Certain documents cited						
Box No. VII	Certain defects in the intern	ational application					
Box No. VIII	Certain observations on the						
Date of submission of the demand		Date of completion	of this report				
16 February 2005 (16.02.2005)		06 March 2006 (06.03	3.2006)				
Name and mailing address of the IPEA/ US		Authorized officer	\mathcal{O}				
Mail Stop PCT, Attn: IPEA/US		I-i C 7i					
Commissioner for Patents P.O. Box 1450		Irina S. Zemel	Paralogal Specialis				
Alexandria, Virginia 22313-1450		Telephone No. 571-2					
Facsimile No. (571) 273-3201 Form PCT/IPEA/409 (cover sheet)(April 2005)							

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.	
PCT/US04/24355	

Box No. I Basis of the report						
1. With regard to the language, this report is based on:						
the international application in the language in which it was filed.						
a translation of the international application into, which is the language of a translation furnished for the purposes of:						
international search (under Rules 12.3 and 23.1(b))						
publication of the international application (under Rule 12.4(a))						
international preliminary examination (under Rules 55.2(a) and/or 55.3(a))						
2. With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):						
the international application as originally filed/furnished						
the description:						
pages 1-21 as originally filed/furnished						
pages* received by this Authority on pages* received by this Authority on						
the claims: pages 22-26 as originally filed/furnished						
pages* as amended (together with any statement) under Article 19						
pages* received by this Authority on						
pages* received by this Authority on						
the drawings:						
pages as originally filed/furnished						
pages* received by this Authority on						
pages* received by this Authority on						
a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.						
3. The amendments have resulted in the cancellation of:						
the description, pages						
the claims, Nos						
the drawings, sheets/figs						
the sequence listing (specify):						
any table(s) related to the sequence listing (specify):						
4. This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).						
the description, pages						
the claims, Nos.						
the drawings, sheets/figs						
the sequence listing (specify):						
any table(s) related to the sequence listing (specify):						
* If item 4 applies, some or all of those sheets may be marked "superseded."						
Ay main a apparent south of the of areas areas may be married apparented.	_					

Form PCT/IPEA/409 (Box No. I) (April 2005)

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/US04/24355

Box No. V Reasoned statement under Artic	le 35(2) with re	gard to novelty, inventive step or industrial	
applicability; citations and expla	anations suppor	ting such statement	
1. Statement			
Novelty (N)	Claims NO	ONE	YES
• • •	Claims 1-6	57	ио
	01 1	N.W.	YES
Inventive Step (IS)	Claims NC Claims 1-6	ONE	NO
	Ciamis 1-0		
Industrial Applicability (IA)	Claims 1-6	57	YES
	Claims NO	ONE	NO
or 6,287,666. Each one of the cited US patents discled agent (CELOGEN OT) and a di - or polyamine curing curing agents various amine compounds are disclosed are bisphenol-based epoxy resins and other epoxy restadditives such as pigments or fire retardants. The reblowing agent and the curing agent at room temperatic coatings of auto-parts or reinforcing of auto-parts. The invention-as claimed, thus, is fully within-the put	oses foaming comp g agent. See illus d, for example, co sins. The reference eferences further d ure. See all illustr rview of each one	by either one of US 4,995,545, 5,755,486, 6,068, 424 positions comprising an epoxy resin a sulfonyl hydraz strative examples in each of the cited patents. Among plumn 8, lines 5-17 of the '545 atent. The preferred epes further disclose addition of various fillers and complisclose methods for forming epoxy-based resin by reactive examples. Suitable uses for the disclosed foam of the cited references, and, thus, lacks novelty or invital industrial applicability because the subject matter classification of the cited references.	suitable oxy resins mon cting the s are rentive step.

Form PCT/IPEA/409 (Box No. V) (April 2005)